



April 19, 2007

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Four missions on schedule for 2007

◆ **Shuttle Update:** The shuttle missions for the next year have been re-scheduled, with a change of orbiters for three of them. The target dates are as follows:

- STS-117 on Atlantis, June 8
- STS-118 on Endeavour, Aug. 9
- STS-120 on Discovery, Oct. 20
- STS-122 on Atlantis, Dec. 6
- STS-123 on Endeavour, Feb. 14
- STS-124 on Discovery, April 24

◆ **ELV Update:** NASA's AIM spacecraft was mated to the Pegasus XL rocket on April 4. An integrated flight simulation was successfully completed last week. Technicians began operations to install the Pegasus fairing around the AIM spacecraft, followed by black light inspection of the fairing and spacecraft. The spacecraft umbilical was disconnected and re-routed to allow the payload fairing to move into the clean room.

The Pegasus rocket with the AIM spacecraft was installed onto the transporter on April 16. The L-1011 carrier aircraft arrived at Vandenberg Air Force Base April 17. The transport of Pegasus/AIM to the runway for mating operations with the L-1011 is scheduled for Sunday.

■ **NASA Science** — NASA's Chandra X-ray Observatory has observed a remarkable eclipse of a supermassive black hole, allowing a disk of hot matter swirling around the hole to be measured for the first time. It is located in NGC 1365, a spiral galaxy 60 million light years from Earth.



You can read the full story at http://science.nasa.gov/headlines/y2007/12apr_blackholeeclipse.htm?list29875.

■ **Education Opportunity** — University of Miami applications are currently being accepted for the Master of Science in Industrial Engineering program held in Cape Canaveral that will begin in August. Courses are held Friday evenings and Saturdays to accommodate working professionals. For more information and to receive an application/brochure, please call Augusto Roca, program administrator, at 305-284-4100, or send e-mail to augusto@miami.edu.

■ **SGS Energy Office Celebrates Earth Day's Theme: Think Globally...Act Locally...Make the Clear Energy Choice Every Day** — Join the SGS Energy Management Office on Friday at the booth in the KSC HQ Lobby to celebrate Energy Awareness and Earth Day! See the prize for the Energy Hog Refrigerator Contest — a high-efficiency Energy Star refrigerator! From 9 a.m. to 3 p.m., more than \$1000 in energy savings will be given away! Learn about the

AIM spacecraft heading for launch on April 25

latest in saving energy with fluorescent lighting, renewables, programmable thermostats, and Energy Star purchases. Bring your suggestions for energy savings projects in your work area and share with the Energy Management Office what you are doing to help KSC conserve energy. Be sure to enter the contest to "Guess the KSC April 2007 Electric Bill"!

■ **Professional Development Seminar** — The Society of Women Engineers is sponsoring a one-day professional development seminar titled "**Tools for Technology**" on May 17 at the Radisson Resort Hotel at Port Canaveral. SWE invites you to this outstanding program. This seminar includes a wide variety of technical and personal development topics, including Managing Your Career in the 21st Century, Developing Your Own Leadership Style, Project Management, Systems Engineering Initiatives, New Horizons in Unmanned Systems, How to Make Difficult Decisions, Global Warming, and more. Nancy Stewart, vice president of Walmart, will be the keynote speaker. Details on this program and registration information are available on the web site at swe-sc.org/Seminar. Contact Judy Kersey at judy.kersey@swe.org for more information.

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